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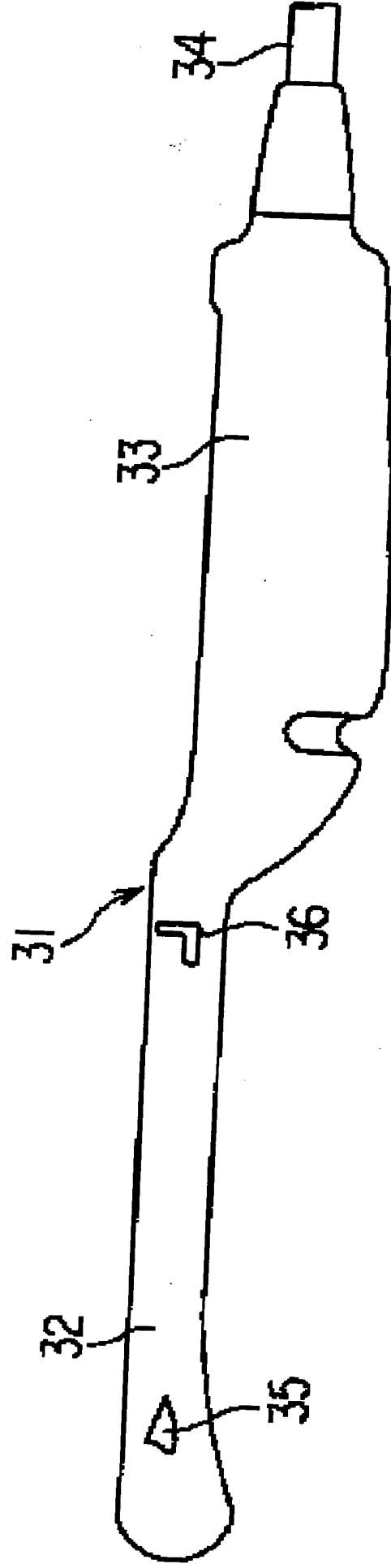
PN - JP2000300566 A 20001031
TI - PUNCTURE ADAPTOR FOR ULTRASONIC PROBE IN BODY CAVITY
FI - A61B1/00&300F ; A61B1/00&320E ; A61B8/12
PA - NASU MEDICAL KOGYO KK; TOKYO SHIBAURA ELECTRIC CO
IN - YOMO HIROYUKI; IZUMI MINORU
AP - JP19990112308 19990420
PR - JP19990112308 19990420
DT - I

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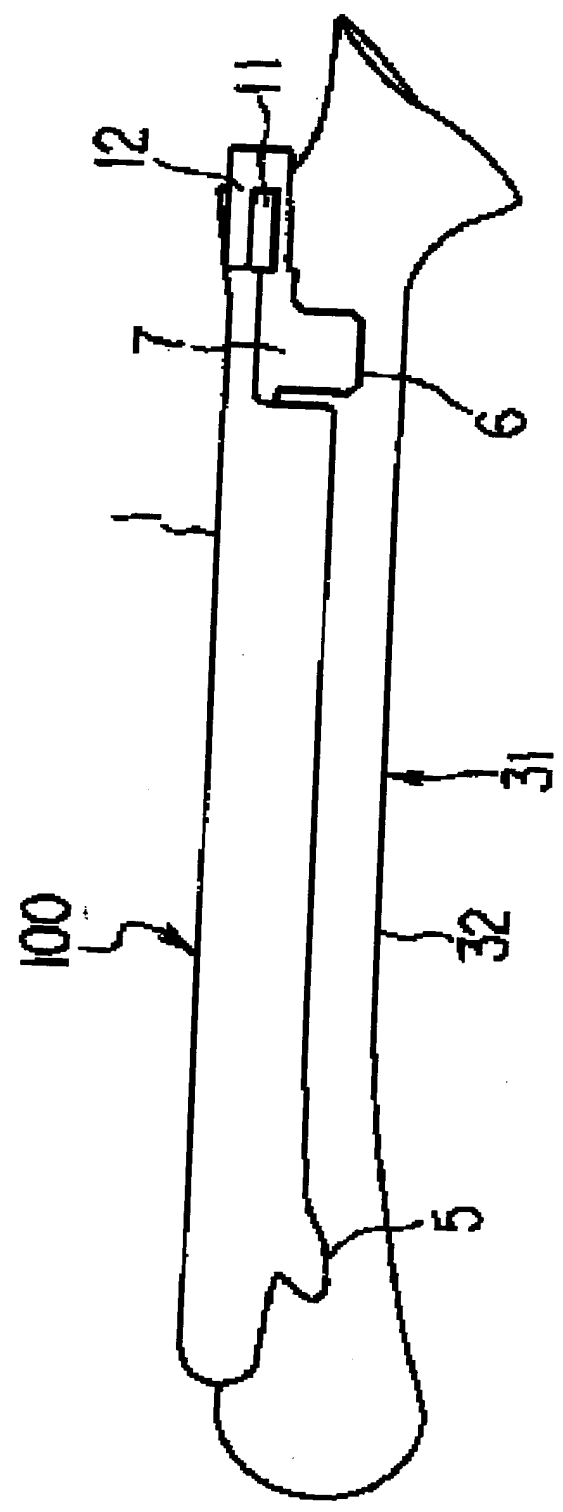
AN - 2001-035369 [05]
TI - Puncture adaptor for intra-corporeal ultrasonic wave probes, has detachable plate-shaped attachment provided inside semicircular cylindrical main portion having groove
AB - JP2000300566 NOVELTY - The semicircular cylindrical main portion (1) of the puncture adaptor, has groove extending from the rear end (6) to the end (5). A detachable plate-shaped attachment (7) is provided inside the main portion.
 - USE - Puncture adaptor for intra-corporeal ultrasonic-wave probes.
 - ADVANTAGE - Avoids positional slippage of adaptor using simple technique. The unpleasant feeling of examined object is reduced by using simple and reliable puncture adaptor. The certainty and workability of cleaning of guide hole of puncture needle are enhanced. It corresponds to puncture needle of various sizes by changing diameter of guide hole by exchanging attachment.
 - DESCRIPTION OF DRAWING(S) - The figure shows the side view of intra-corporeal ultrasonic-wave probe.
 - Adaptor main portion 1
 - Main portion ends 5,6
 - Attachment 7
 - (Dwg.1/7)
IW - PUNCTURE ADAPT INTRA CORPOREAL ULTRASONIC WAVE PROBE DETACH PLATE SHAPE ATTACH SEMICIRCULAR CYLINDER MAIN PORTION GROOVE
PN - JP2000300566 A 20001031 DW200105 A61B8/12 007pp
IC - A61B1/00 ;A61B8/12
MC - S05-D03
DC - P31 S05
PA - (NASU-N) NASU MEDICAL KOGYO KK
 - (TOKE) TOSHIBA KK
AP - JP19990112308 19990420
PR - JP19990112308 19990420

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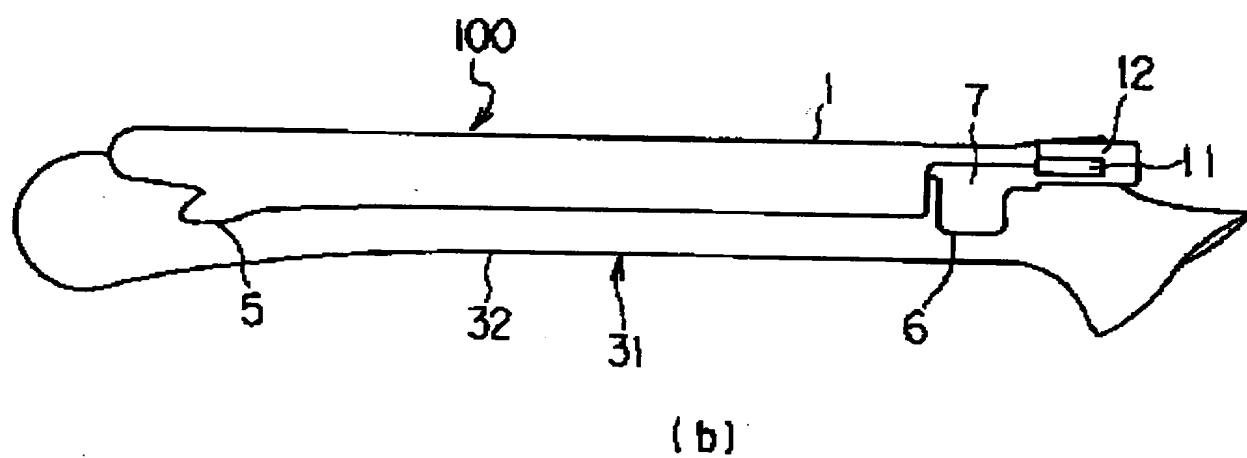
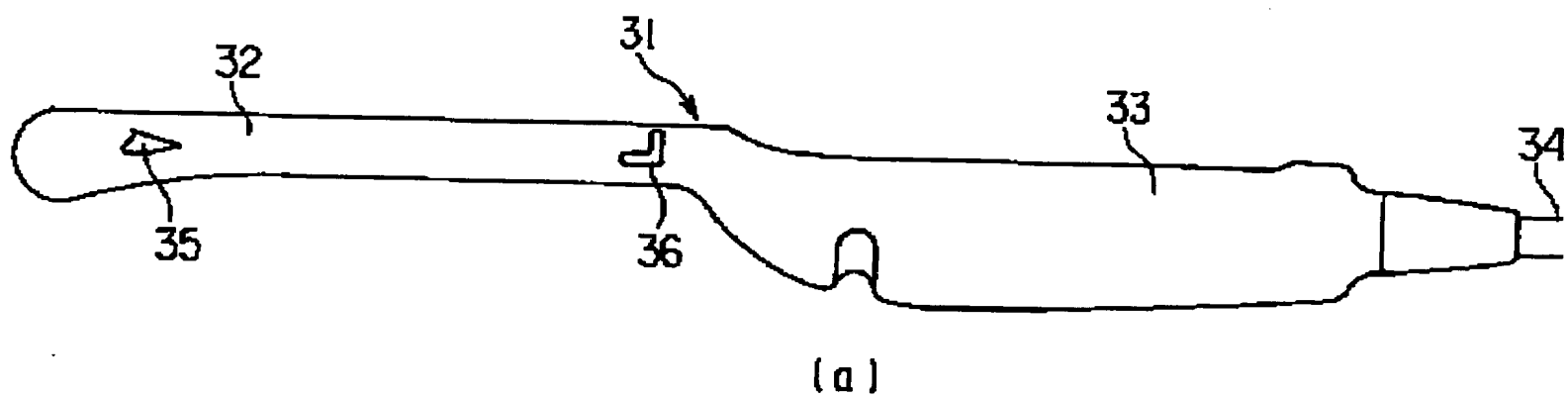
PN - JP2000300566 A 20001031
TI - PUNCTURE ADAPTOR FOR ULTRASONIC PROBE IN BODY CAVITY
AB - PROBLEM TO BE SOLVED: To provide a puncture adaptor for an ultrasonic probe in a body cavity and the ultrasonic probe in the body cavity which achieve higher accuracy and higher workability of cleaning a guide hole of a puncture needle and enables simple and accurate mounting of the puncture adaptor for the ultrasonic probe in the body cavity, and moreover, minimizes unevenness with the puncture adaptor mounted on the ultrasonic probe in the body cavity to reduce uneasiness and pains of a subject.
 - SOLUTION: This puncture adaptor 100 for an ultrasonic probe in a body cavity detachably mounted on an ultrasonic probe 31 in the body cavity includes an adaptor body 1 which has a roughly semi-cylindrical shape and a groove formed inside the semicylindrical shape from the rear end to the tip thereof and a roughly plate-shaped attachment 7 detachable inside the adaptor body 1.
I - A61B8/12 ;A61B1/00
PA - NASU MEDICAL KOGYO KK;TOSHIBA CORP
IN - YOMO HIROYUKI;IZUMI MINORU
ABD - 20010205
ABV - 200013
AP - JP19990112308 19990420

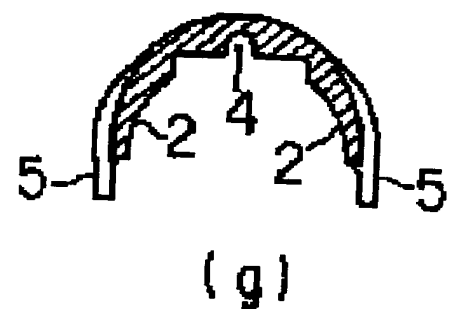
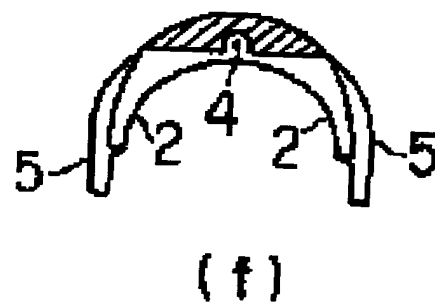
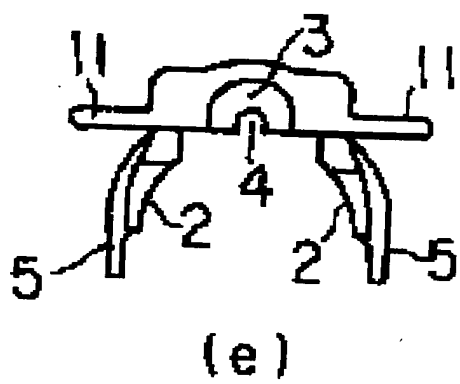
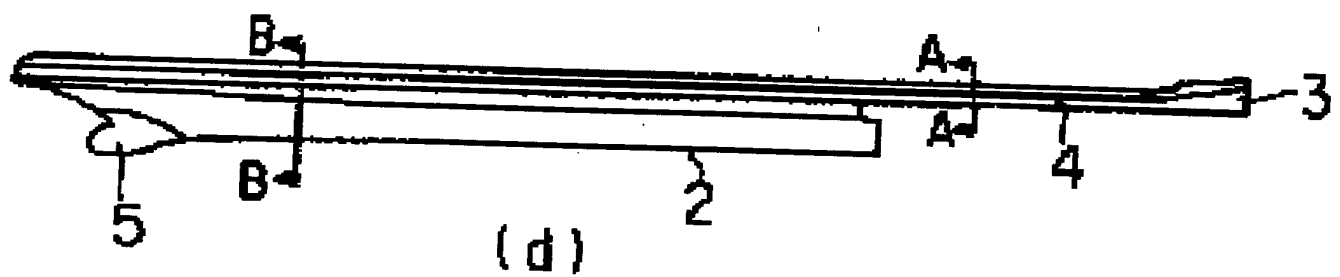
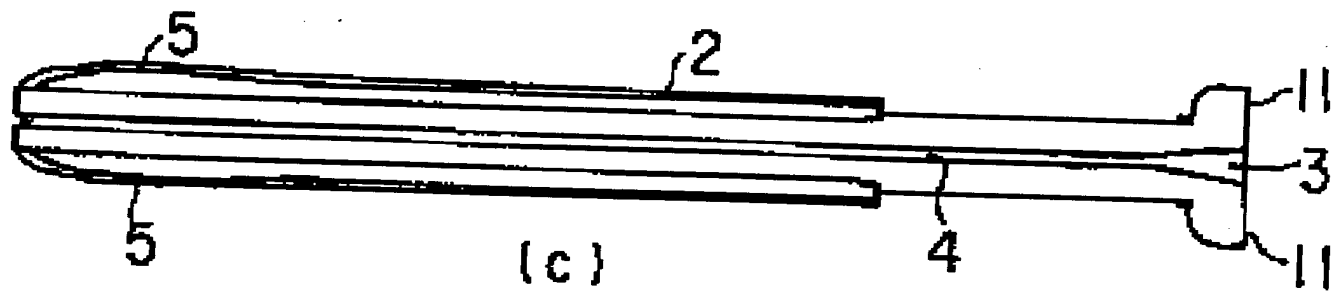
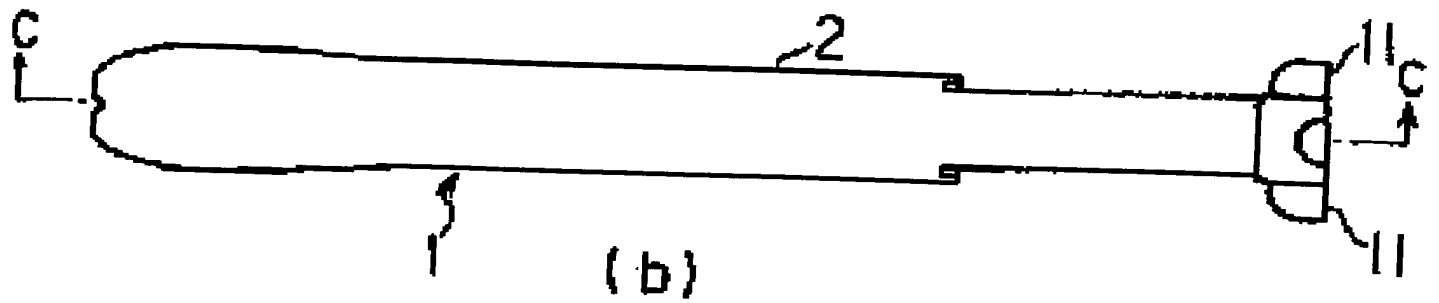
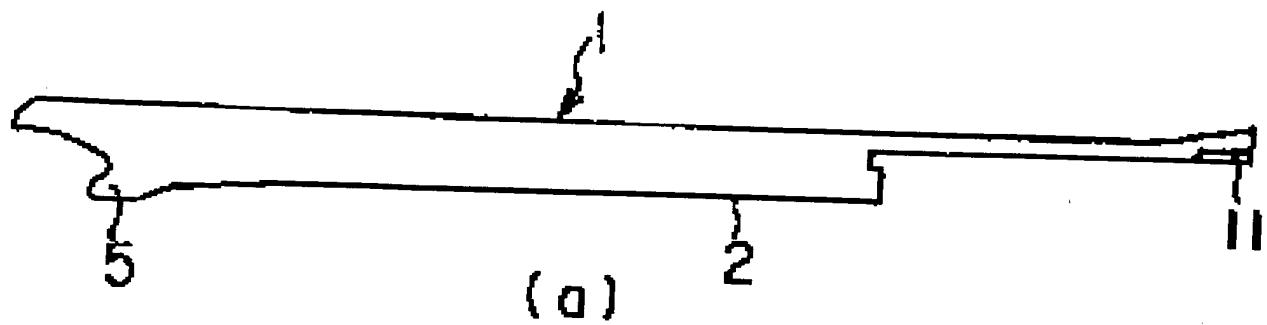


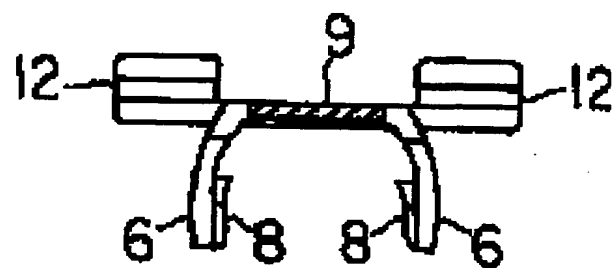
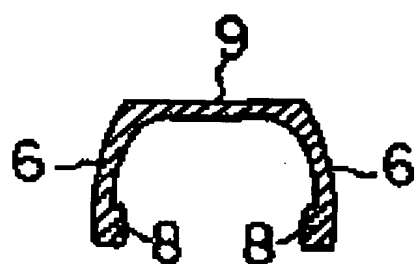
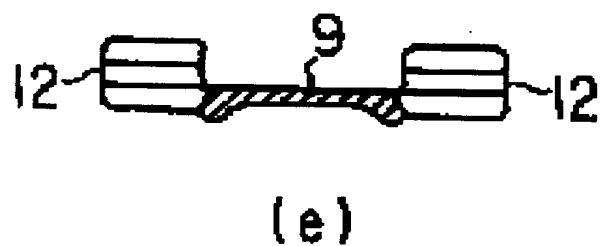
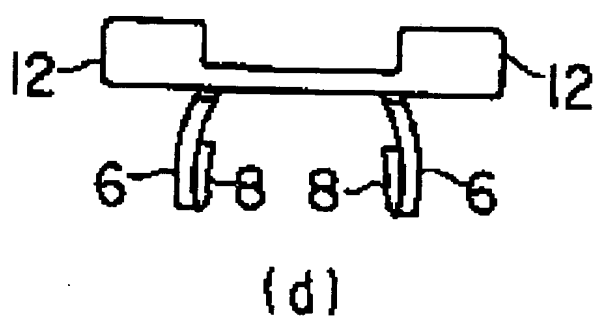
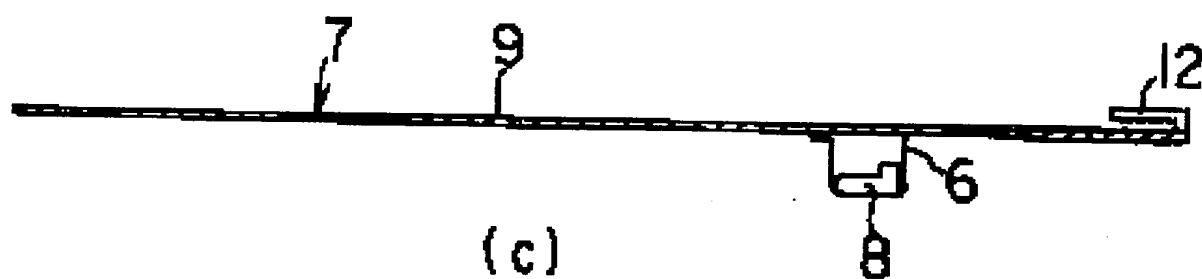
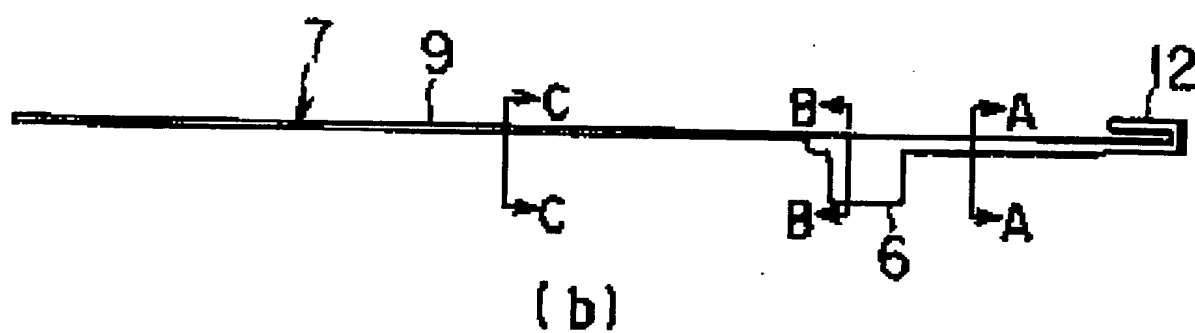
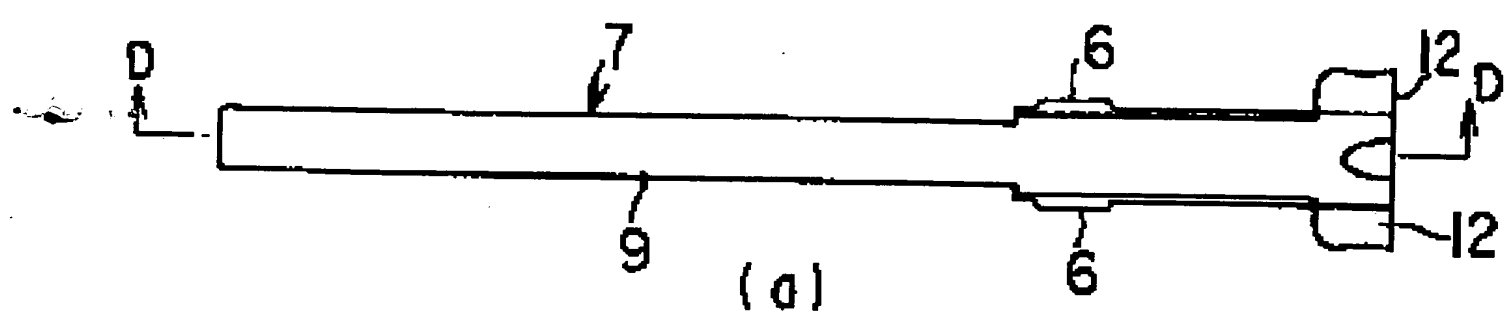
(a)

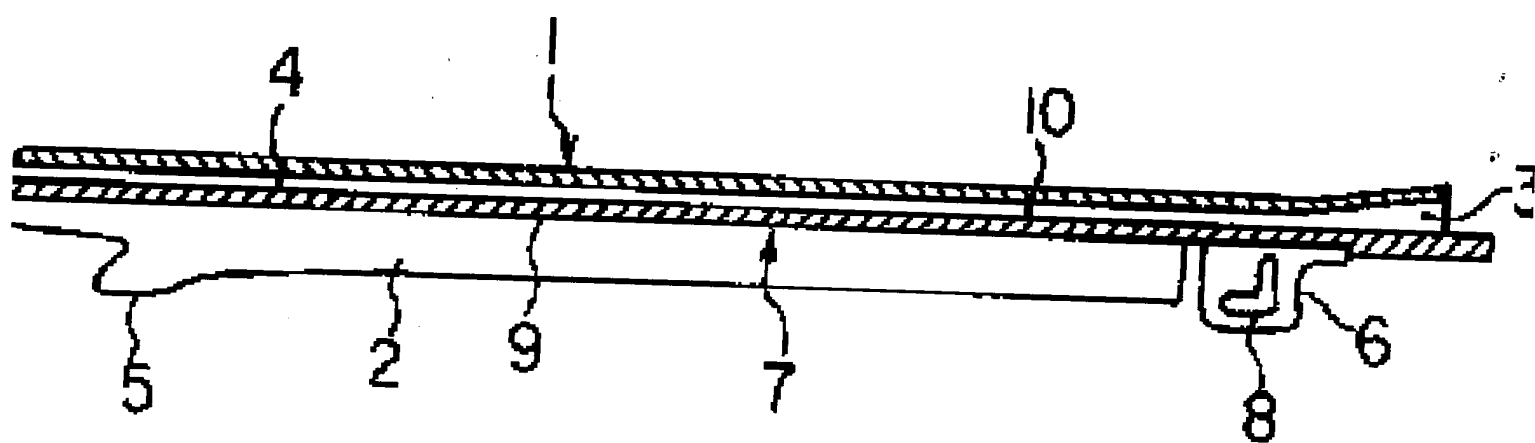


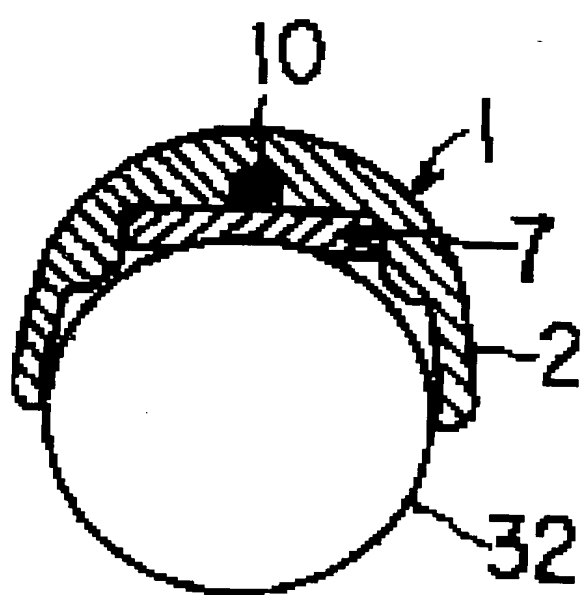
(b)



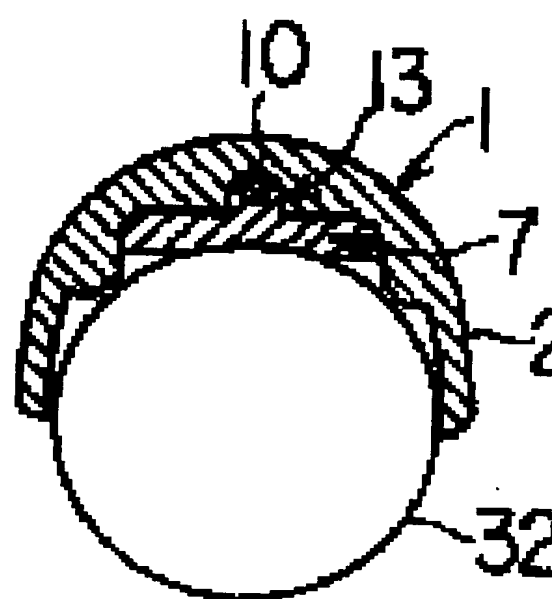




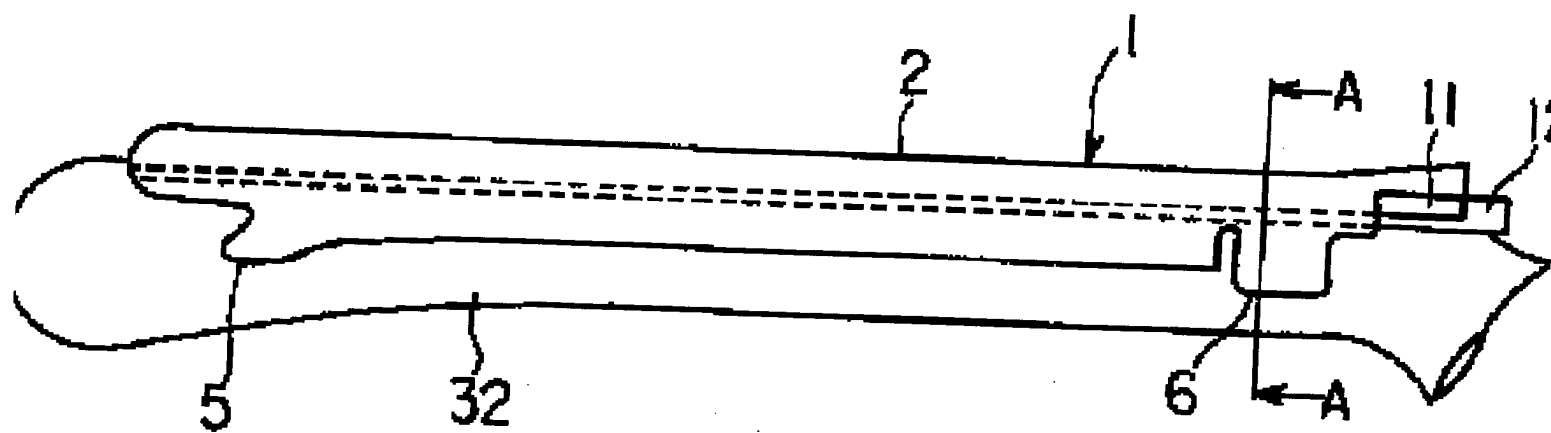




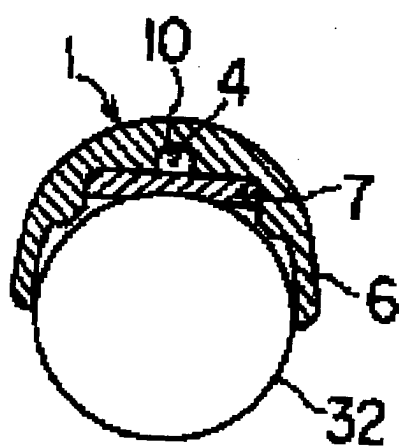
(a)



(b)



(a)



(b)

